C.B. SYSTEM

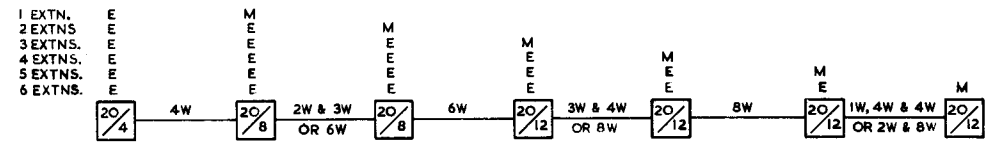
SHARED SERVICE (MANUAL)

SUBSCRIBER'S EXTENSION PLAN 1 (INTERNAL ONLY)

N 4385
6 PANELS-1
6-3-51

NOTES

1. FROM ONE TO SIX EXTENSIONS MAY BE FITTED IN ADDITION TO THE MAIN. THE FACILITIES GIVEN BY PLAN 1 ARE SHOWN ON DGM. N 1424.
2. THE INTER-STATION CABLING AND THE TYPES OF TERMINAL BLOCK FOR STATIONS IN CONTINUOUS RUN ARE AS FOLLOWS:-



A BRANCHING RUN IN TWO DIRECTIONS FROM THE MAIN MAY BE ADOPTED.

3. IN EARLY ISSUES OF TELEPHONES No. 1/232 CB TERMINALS T6 & T8 WERE REVERSED. THE EARLIER TERMINAL NUMBERS ARE SHOWN IN BRACKETS.
4. WIRE COLOURS FOR THE 8W CABLE TERMINATIONS ARE SHOWN IN BRACKETS.
5. AT Y INSTALLATIONS ON MINOR CB 10 SYSTEMS AND AT X INSTALLATIONS ON OTHER CB SYSTEMS REVERSE THE A & B WIRES ON BT3 & BT4 AT THE MAIN.

AT MAIN

6. WHEN USING 300-TYPE TELEPHONES

(a) WITH ONE EXTENSION
1 TELEPHONE No. 328 CB MINUS CORD.
1 KEY No. 302 B-1
1 PART No. 1/SPL/325 (PLUNGER)
1 LABEL No. 252 A
1 CORD INST. 5/14 B...
1 CAPACITOR PAPER No. 7712
1 BLOCK TERMINAL No. 20/8
CONNECT WIRE FROM MAKE SPRING OF KEY TO T3 AND WIRE FROM MOVING SPRING TO T1.

(b) WITH TWO EXTENSIONS
1 TELEPHONE No. 328 CB MINUS CORD
1 KEY No. 304 A
2 PARTS No. 1/SPL/325 (PLUNGER)
1 LABEL No. 252 B
1 CORD INST. No. 6/218...
1 CAPACITOR PAPER No. 7712
1 BLOCK TERMINAL No. 20/8
SET LATCH BRACKET CONTROL PLATE OF THE KEY AS SHOWN ON DIAGRAM N 4301 FIG. 5. FIT PLUNGERS IN POSITION A AND B.

NOTES

AT MAIN (CONTINUED)

6.(c) WITH THREE EXTENSIONS

1 TELEPHONE No. 328 CB MINUS CORD
1 KEY No. 304A
3 PARTS No. 1/SPL/325 (PLUNGER)
1 LABEL No. 252B
1 CORD INST. No. 7/05B...
1 CAPACITOR PAPER No. 7712
1 BLOCK TERMINAL No. 20/12

SET LATCH BRACKET CONTROL PLATE OF THE KEY AS SHOWN ON DIAGRAM N4301 FIG. 5.
CONNECT AS FOR TWO EXTNS. ALSO CONNECT K1—K4 AND K3—BT5 FOR THE ADDITIONAL BELL LEAD.

(d) WITH FOUR TO SIX EXTENSIONS

1 TELEPHONE No. 332 CB
1 CAPACITOR PAPER No. 7712
4—6 PRESS BUTTONS 'G'
1 CORD INST. No. 4/57B...
1 BLOCK TERMINAL No. 20/12

OR

APPARATUS AS FOR 3 EXTENSIONS AND 1—3 PRESS BUTTONS 'G'.
WHEN USING TELEPHONE No. 332 CB REPLACE CORD INST. No. 2/94B... AND BLOCK TERMINAL No. 20/4 BY CORD INST. No. 4/57B... & BLOCK TERMINAL No. 20/12.
CONNECT CORD BT2—RED—T2, BT3—GRN—T1, BT4—BLU—T8 & BT5—WH—T11. DISCONNECT STRAP T1—T2.
WHEN USING TELEPHONE No. 328 CB NOTE 6(c) APPLIES.
CONNECT PRESS BUTTON 'G' WITH ALL MOVING SPRINGS COMMONED AND THE MAKE—SPRINGS OF BUTTONS 4—6 CONNECTED TO BT10—BT12 WITH APPROPRIATE SIZE OF CABLE.

7. WHEN USING TELEPHONE No. 1/232 CB:—
WITH ONE TO SIX EXTENSIONS:—
1 TELEPHONE No. 1/232 CB
1 BELL SET No. 26
1 PER EXTENSION:— PRESS BUTTONS 'G'
1 BLOCK TERMINAL No. 20/8 OR No. 20/12
1 CAPACITOR PAPER No. 7712.
DISCONNECT STRAP BT7—BT8 IN BELL SET No. 26.
IF REQUIRED THE TELEPHONE No. 1/232 CB MAY BE TERMINATED ON A BLOCK TERMINAL No. 20/4 CONNECTED TO THE BELL SET No. 26 BY CABLE 3W.
CONNECT PRESS BUTTONS FOR 4—6 EXTENSIONS AS IN NOTE 6(d).

8. CAPACITOR PAPER No. 7712 SUPERSEDES CAPACITOR MC No. 102 1/c FOR NEW WORK. CAPACITOR MC 102 1/, WAS FITTED BETWEEN BT2 & BT7. BT7 WAS STRAPPED TO BT8. CAPACITOR PAPER No. 7712 SHOULD BE FITTED USING A CLIP No. 56 3/4 IN. AS FOLLOWS:—

TELEPHONE No. 328 CB WITH KEY No. 302B—1—MOUNT HORIZONTALLY ACROSS THE BACK OF THE DUMMY DIAL USING THE SCREW OPPOSITE THE LUG WITH THE THREADED HOLE.

TELEPHONE No. 328CB WITH KEY No. 304A
TELEPHONE No. 332CB
} FIT ON

TELEPHONE CHASSIS FIXING THE CLIP UNDER ONE OF THE BELL FIXING SCREWS.

BELL SET No. 26 — USE HOLE IN CHASSIS ON THE RIGHT OF AND IN LINE WITH THE BELL COIL TAGS.

C.B. SYSTEM

SHARED SERVICE (MANUAL)

SUBSCRIBER'S EXTENSION PLAN 1 (INTERNAL ONLY)

N 4385
6 PANELS-3
6-3-51

NOTES
(CONTINUED)

9. FOR AN EXTENSION BELL FROM THE MAIN CONNECT BELL No. 64... IN PLACE OF STRAP BT7-BT8. USE CABLE 2W AND CONNECT TO BELL TERMINALS 1 & 4 WITH 2 & 3 STRAPPED.

10. WHERE THERE IS INSUFFICIENT CURRENT TO OPERATE THE D.C. BELLS THE CIRCUIT MAY BE CONNECTED DIRECT TO EARTH AT THE SUBSCRIBERS PREMISES INSTEAD OF TO THE 'A' LINE AS SHOWN ON DIAGRAM.

AT EXTENSIONS (EACH STATION)

11. WHEN USING TELEPHONE No. 326 CB:-
    1 TELEPHONE No. 326 CB MINUS CORD
    1 CORD INST. No. 4/578...
    1 BLOCK TERMINAL No. 20/4, 20/8 OR 20/12 (NOTE 2)
    CONNECT STRAP T9-T12 AND DISCONNECT STRAP T10-T11.

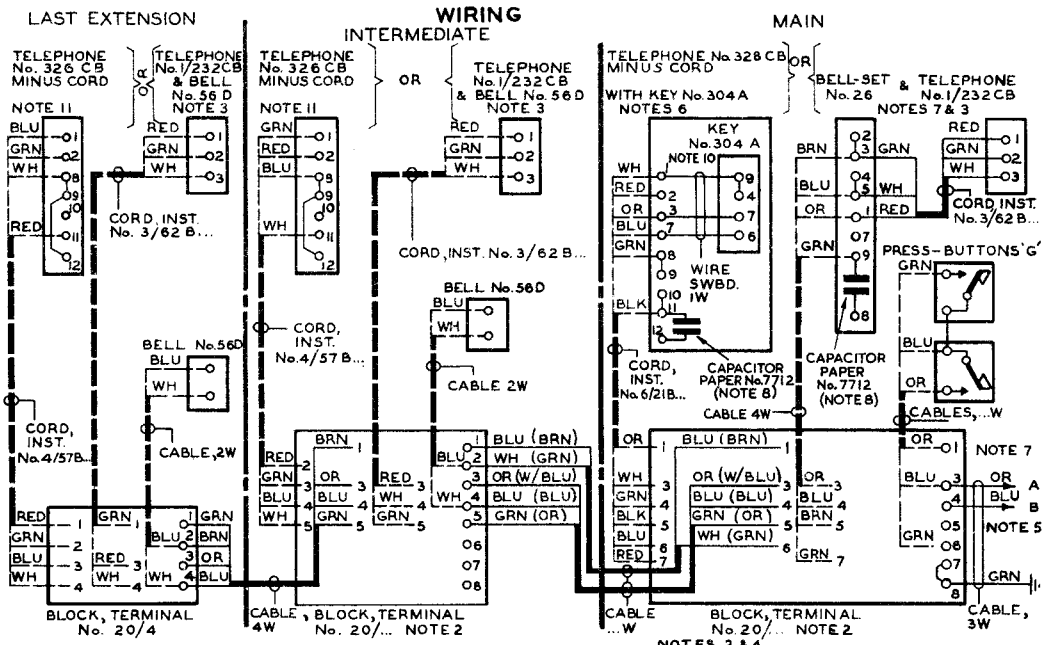
12. WHEN USING TELEPHONE No. 1/232 CB:-
    1 TELEPHONE No. 1/232 CB
    1 BELL No. 56D
    1 BLOCK TERMINAL No. 20/4 20/8 OR 20/12 (NOTE 2)

INK 4 SYS. CB & AUTO.
Suffix
PANELS 1, 2 & 3 REDRAWN. CAPACITOR No. 7712 W.S. INC. 10/-/- 14.5.56 A
Amend.
PAPER W

N4385
6PANELS-4

USING TELEPHONES No. 1/232 CB OR Nos. 328 CB AND 326 CB

WIRING



CB SYSTEM
SHARED SERVICE (MANUAL)
SUBSCRIBER'S EXTENSION PLANT (INTERNAL ONLY)
EXPLANATORY
USING TELEPHONE No. 1/232CB WITH BELL-SET No. 26

N4385
6 PANELS-5
6-3-51

CB & AUTO.

W

PANELS 1, 2 & 3 REDRAWN. CAPACITOR No. 7712 (W.S. MC. 021/1) 14-5-56 A

LAST

INTERMEDIATE

MAIN

TELEPHONE No. 1/232CB NOTE 3

TELEPHONE No. 1/232CB NOTE 3

TELEPHONE No. 1/232CB NOTE 3

BELL-SET No. 26 NOTE 7

BT1 BT2 BT3 BT4 BT5 BT6 BT7 BT8

NOTE 5

NOTE 9

T1 T2 T3 T4 T5 T6 (8) T7 T8 (6)

B1 B2 B3 B4 B5 B7 B8 B9

CAPACITOR PAPER No. 7712 (NOTE 8)

2

A

B

N4385
6 PANELS-6

TYPICAL EXPLANATORY
USING 300-TYPE TELEPHONES